

Claims

I claim:

1. A belt comprising:

an elastomeric body;

5 a tensile member extending along the belt in a longitudinal direction;

the body having a rib extending in an endless direction; and

a thermoplastic layer attached to the rib.

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2. The belt as in claim 1, wherein the thermoplastic layer is selected from polyethylene, polypropylene, polyester, polyamide, polyvinylidene chloride or a combination of any two or more of the foregoing.

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3. The belt as in claim 2, wherein the elastomeric body is selected from HNBR, EPDM, SBR, NBR, PU, CR or a combination of any two or more of the foregoing.

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4. The belt as in claim 3, wherein the thermoplastic layer is applied to a rib edge.

5. The belt as in claim 4 further comprising a plurality of ribs.

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6. The belt as in claim 3, wherein the thermoplastic material is attached to a rib tip.

7. A belt comprising:

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an elastomeric body;

a tensile member extending along the belt in a longitudinal direction;

the body having a rib extending in an endless direction; and
a member attached to a rib edge.

- 5 8. The belt as in claim 7, wherein the member is selected from polyethylene, polypropylene, polyester, polyamide, polyvinylidene chloride or a combination of any two or more of the foregoing.
- 10 9. The belt as in claim 8, wherein the elastomeric body is selected from HNBR, EPDM, SBR, NBR, PU, CR or a combination of any two or more of the foregoing.
- 15 10. The belt as in claim 9 further comprising a plurality of ribs.
11. The belt as in claim 9 further comprising fibers.
12. A belt comprising:
20 an elastomeric body;
a tensile member extending along the belt in a longitudinal direction;
the body having teeth, the teeth oriented transverse to an endless direction; and
25 a thermoplastic layer attached to the teeth.
- 30 13. The belt as in claim 12, wherein the thermoplastic layer is selected from polyethylene, polypropylene, polyester, polyamide, polyvinylidene chloride or a combination of any two or more of the foregoing.

14. The belt as in claim 3, wherein the elastomeric body is selected from HNBR, EPDM, SBR, NBR, PU, CR or a combination of any two or more of the foregoing.